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Barriers and solutions for translating brain-computer interfaces for augmentative and alternative communication from research into practice.

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Title: Barriers and solutions for translating brain-computer interfaces for augmentative and alternative communication from research into practice.

Abstract

Barriers to the clinical translation of brain-computer interfaces (BCIs) include problems with reliability and set up. However, translation is further impeded by a lack of consistency between AAC practices and BCI procedures. This presentation will discuss barriers to BCI translation along with possible solutions and future directions for BCI research.

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Bio

Kevin Pitt is an assistant professor at the University of Nebraska-Lincoln, and PI of the AAC Translation (AACT) Laboratory. He is interested in translating the latest AAC access advancements, such as brain-computer interfaces, out of the laboratory setting by incorporating current clinical procedures, stakeholder input, and principles governing display design.